

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1318016

Luminaire Tested: P3SQAS13R359835DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R359835DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

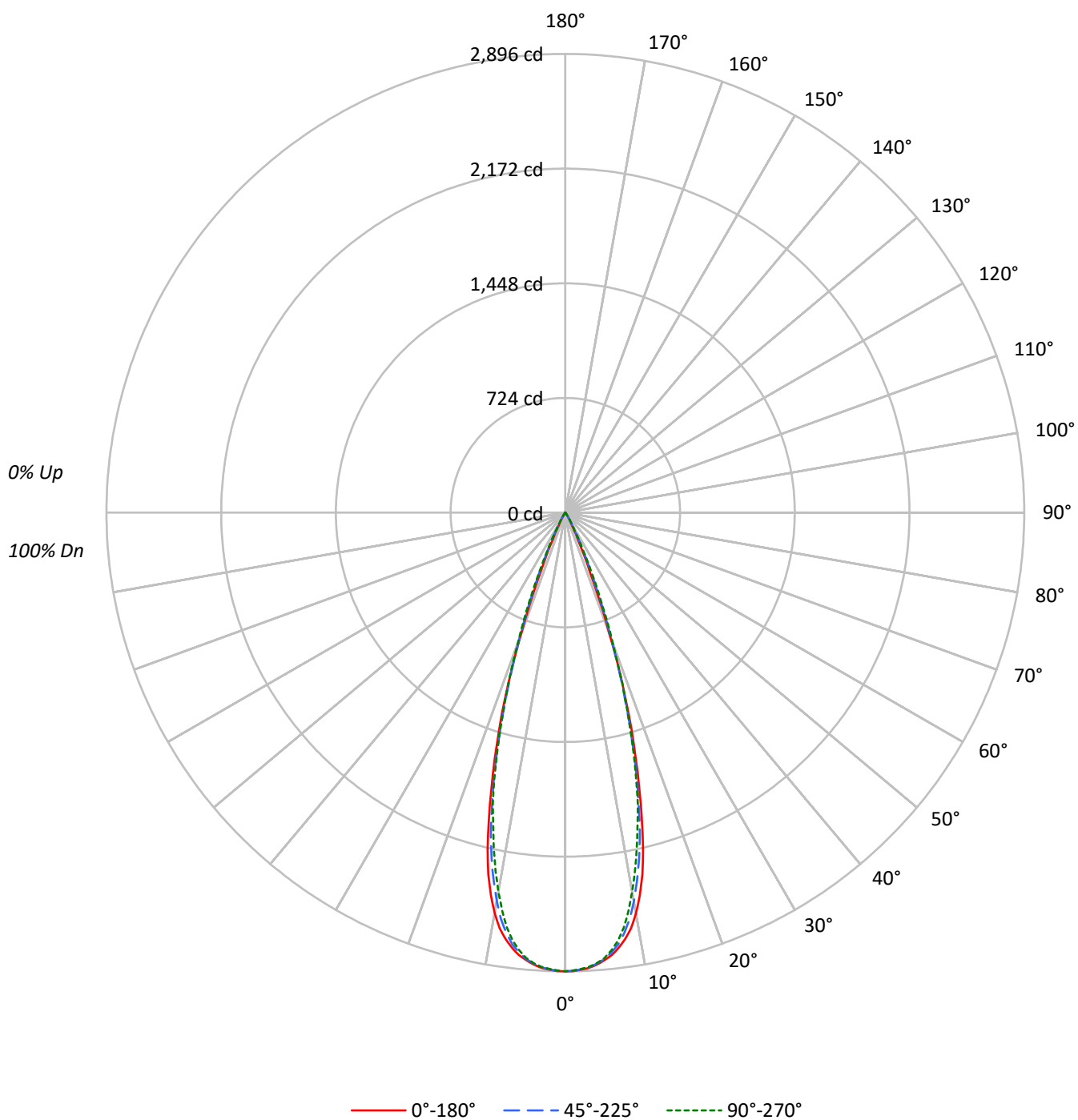
Lumens per Lamp: N/A
Luminaire Lumens: 879.0 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	498757	498757	498757
5°	490185	489148	488094
10°	449248	435747	425149
15°	321685	311433	307653
20°	149168	154300	159725
25°	35402	50357	52523
30°	10381	11892	13404
35°	2397	3826	3511
40°	517	1012	674
45°	195	195	195
50°	214	0	214
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.0	29.6
10°-20°	464.8	52.9
20°-30°	139.8	15.9
30°-40°	13.4	1.5
40°-50°	0.9	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	864.7	98.4
0°-40°	878.0	99.9
0°-60°	879.0	100.0
0°-90°	879.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	879.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2896	2896	2896	2896	2896	
5°	2835	2835	2829	2826	2823	263
15°	1804	1791	1747	1739	1726	477
25°	186	205	265	276	276	120
35°	11	15	18	20	17	10
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2896.0	2896.0	2896.0	2896.0	2896.0
1°	2894.5	2894.5	2893.0	2893.0	2889.9
2°	2887.7	2888.4	2885.4	2884.6	2882.4
3°	2877.1	2874.8	2874.8	2873.3	2871.8
4°	2860.4	2855.9	2854.4	2855.1	2852.1
5°	2835.4	2834.7	2829.4	2825.6	2823.3
6°	2808.2	2802.9	2791.5	2781.7	2779.4
7°	2767.3	2755.9	2746.1	2725.6	2722.6
8°	2717.3	2699.1	2677.9	2649.2	2647.7
9°	2656.0	2626.5	2596.9	2558.3	2544.7
10°	2568.9	2541.7	2491.7	2457.6	2431.1
11°	2460.7	2426.6	2368.3	2327.4	2305.4
12°	2338.0	2306.2	2238.1	2201.0	2169.9
13°	2180.5	2154.0	2090.4	2049.5	2025.3
14°	1998.1	1978.4	1917.8	1899.6	1891.3
15°	1804.2	1790.6	1746.7	1739.1	1725.5
17.5°	1328.0	1305.3	1280.3	1284.8	1289.4
20°	813.9	845.7	841.9	858.6	871.5
22.5°	405.8	446.7	494.4	523.2	537.6
25°	186.3	205.2	265.0	276.4	276.4
27.5°	93.9	98.4	124.9	127.2	133.3
30°	52.2	56.0	59.8	66.6	67.4
32.5°	26.5	31.0	32.6	36.3	34.8
35°	11.4	15.1	18.2	19.7	16.7
37.5°	5.3	6.8	9.8	9.1	6.8
40°	2.3	3.0	4.5	3.8	3.0
42.5°	1.5	1.5	2.3	1.5	1.5
45°	0.8	0.8	0.8	0.8	0.8
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.0	0.0	0.0	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)